

Claims

[c1] WHAT IS CLAIMED IS:

1.A battery pack for an electric power tool that comprises a tool housing with an electric motor arranged therein and a handle connected to the tool housing; the battery pack comprising:

a protective housing;

individual battery cells received in the protective housing;

wherein the protective housing has a first housing side provided with a receiving shoe, wherein the receiving shoe is configured for mechanical attachment to a free end of the handle of the power tool;

wherein the receiving shoe has electrical contacts configured to connect to electrical lines connected to the drive motor of the power tool;

wherein the protective housing has a second housing side providing a support surface extending substantially in a direction of a longitudinal center axis of the tool housing when the battery pack is mounted on the handle;

wherein the individual battery cells in the protective housing are arranged in a longitudinal direction of the

tool housing sequentially behind one another in at least one row;

wherein at least one of the individual battery cells arranged in the at least one row is displaced laterally relative to the longitudinal direction such that a displaced row portion is formed and the support surface over a portion of the protective housing has a widened support surface portion in a direction transversely to the longitudinal center axis of the tool housing.

- [c2] 2. The battery pack according to claim 1, wherein the widened support surface portion, when viewed in a plan view when the battery pack is attached to the handle, is located in front of the receiving shoe.
- [c3] 3. The battery pack according to claim 1, wherein the receiving shoe is configured to completely receive an end of the handle.
- [c4] 4. The battery pack according to claim 1, wherein two of the individual battery cells are positioned adjacent to one another in the displaced row portion.
- [c5] 5. The battery pack according to claim 1, wherein the individual battery cells together form a cross.
- [c6] 6. The battery pack according to claim 1, wherein twelve of the individual battery cells are provided and wherein

six of the twelve individual battery cells are laterally displaced relative to the at least one row.

- [c7] 7. The battery pack according to claim 1, wherein the displaced row portion is located spatially between ends of the protective housing provided in the longitudinal direction of the tool housing.
- [c8] 8. The battery pack according to claim 1, wherein in the displaced row portion the individual battery cells are laterally displaced by a displacement matching approximately half a diameter of the individual battery cells.
- [c9] 9. The battery pack according to claim 1, wherein all of the individual battery cells of the battery pack are identical.